

C/O P Y

E-RMC/dhz

5 February 1948

ENGINEER ANALYSIS AND COST ESTIMATECONSTRUCTBUILDINGSTATINTL
STATINTL1. Location:

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2. Description of Work: Construction of a [] Technical Building. The construction to be of masonry with a heating cellar provided in the main building. Total floor area 5,500 sq ft. The work will include painting, sanitary facilities, heating, and construction of a gravel driveway with asphalt surface.

3. Estimated Manhours: 45,000 Manhours4. Estimated Costs:a. Labor Costs: 45,000 manhours x RM 1.00RM 45,000.00b. Material Costs:

	<u>Quantity:</u>	<u>Unit Price (RM):</u>	<u>Cost (RM):</u>
Cement	200 tons	50.00	5,000.00
Gravel	350 tons	8.00	2,800.00
Sand	200 tons	6.50	1,300.00
Ballast	200 tons	6.00	1,600.00
Bricks	20,000 ea	0.06	1,200.00
Cement-Hollow-Stones	3,000 ea	0.70	2,100.00
Construction Wood	75 cu yd	155.00	11,650.00
Maconite	650 sq yd	6.00	3,900.00
Roofpaper	2,000 sq yd	0.70	1,400.00
Asphalt	1.66 ton	150.00	250.00
Hardware & Fittings			1,500.00
Glass	120 sq yd	6.00	720.00
Putty	450 lbs	0.60	270.00
Round iron	1 ton	300.00	300.00
Wipe proof paint	200 gals	5.00	1,000.00
Oilpaint	50 gals	10.00	500.00
Electrical Installation			810.00
Sanitary Installation (Plumbing)			3,000.00
Sewage			2,000.00
Heating Installation			9,700.00

Total Material Costs.....RM 51,000.00

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(cont'd Engineer Analysis & Cost Estimate "Construct
Building" dtd 5 Feb 48)

c. Overhead Costs:

80% of Labor Costs -
80% x RM 45,000.00 - RM 36,000.00

25% of Material Costs -
25% x RM 51,000.00 - RM 12,750.00

RM 144,750.00 or

d. Total Costs of Project: \$ 14,475

(Based on standard conversion rate \$ 1-RM10.00)

5. Recommended Priority: I

6. Estimated Labor Force: 45 Men

7. Estimated Construction Period: 4 Months

8. Equipment Required: 1 Bulldozer.
1 Concrete Mixer
Dump Trucks

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1. Reference is made to TS Staff Study, dated 13 December 1946, signed by [redacted] and approved [redacted] Basic document concerned construction of radio base at [redacted] to serve as [redacted] communications center.

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2. Construction of this base has been approved by Theater Engineer as [redacted] and has #3 priority. Project has further been approved by Theater Engineer as 1948 carryover project and funds have been allocated. Construction has been assigned to [redacted] and is listed as project [redacted]

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3. Since approval of this project in December 1946 to present date, planning only has been accomplished and no actual construction has been done, therefore, it is requested this project be assigned priority #2 and that [redacted] be directed to expedite construction for completion as soon as possible in order to meet the requirements of future intelligence operations.

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4. For security purposes it is requested that in any reference made concerning this project to [redacted]
[redacted]

Encl #1